# WELDERS - MIG

## VICTOR® VCT-1444-0312
### 200-Amp Wire Feed Welder
**(Soldador de Cable de Alimentación)**

Welds 22 gauge to 5/8" mild steel in a single pass. Designed with excellent aluminum capabilities with optional spool gun, euro style easy connect MIG gun system, heavy-duty gear driven wire feed system, seven position welding power output control, spot weld timer adjustable burn back control, adjustable soft arc control, infinite wire speed control, built-in cylinder rack and running gear, illuminated power on indicator, illuminated thermal over load warning indicator, 2 lb., 10 lb., 30 lb. wire spool capacity, and thermostatic overload protection. Includes Argon regulator, 10 ft. Helvi® style MIG gun, 10 ft. ground cable and work clamp, 10 ft. power cord (without plug), welding nozzle and tip, spool of .035 MIG welding wire, and instruction manual (English, French, Spanish). (200lbs)

## VCT-1444-0326
### MIG/Flux Cored Welding System
**(Sistema de Soldadura de MIG/Flux Cored)**

Dual-purpose wire welder features a quick-change internal polarity adjustment to change between MIG and flux cored welding. Operates on standard 120V power and delivers a high maximum output of 135 amps. Ready to weld system includes Tweco gun, return cable & clamp, input power cord & plug, spool of flux cored wire, and operating manual.

## ATD Welders

Professional quality and performance are available at a great price in these simple to operate welders, great for auto body, maintenance, hobbyist, farm & ranch. Can be used right out of the box with included flux core wire (FCAW), or easily converted to shielding gas operation (GMAW). Weld steel, stainless steel, aluminum & cast iron (must use correct wire & gas). Features Tweco-type torch with full on/off safety control, multiple power settings and infinite wire speed for accurate welding control, fan-cooled power unit and thermal overload protection. Includes welding mask, wire brush/hammer, .030 flux core and .023 solid core wire starter spools and contact tips. CSA approved. 10 year transformer warranty. One year warranty on all other parts.

- **ATD-3130 130 Amp 120V MIG/FLUX Core Welder**
  40-130 peak amp power. CSA rated output of 60 Amps at 21 volts, 40% duty cycle. (54 lbs.)

- **ATD-3175 175 Amp 230V MIG/FLUX Core Welder**
  35-175 peak Amp power. CSA rated output of 120 Amps at 20 volts, 25% duty cycle. (62 lbs.)

## ATD-7040 Heavy-Duty MIG Welder Cart
**(Carrito para Soldador de MIG para Uso Pesado)**

Enables the user to move portable, ATD Mig Welding Systems, Top shelf is 19-1/2" x 12-1/2", Heavy duty steel construction, built to last, Will hold any MIG Welder: Century, Marquette, Miller, Firepower or Astro up to 175 Amps, Includes: built-in cylinder rack and storage tray

VICTOR

VCT-0384-2500
VCT-0384-2600

### *VCT-0384-2500 Welding Outfit - Medium Duty*
**(Utensilios para Soldar)**
Kit includes 250 Series Regulators,torch handle with built-in flashback arrestors and check valves,cutting attachment, welding nozzle, and Series 3 cutting tip. Cuts up to 1/2"/12mm (5"/127mm with optional tips) and welds up to 5/64"/1.9mm (1 1/4"/31mm with optional nozzles).

### *VCT-0384-2600 Heavy-Duty Outfit*
**(Utensilios para Soldar para Uso Pesado)**
Includes 350 Series Regulators, WH 370FC-V torch handle with built-in flashback arrestors and check valves, CA 370-V cutting attachment, 2-UM welding nozzle, and Series 1 cutting tip. Cuts up to 3/4" / 19mm (6" / 153mm with optional tips) and Welds up to 1/8" / 3.2mm (3" / 76mm with optional nozzles).

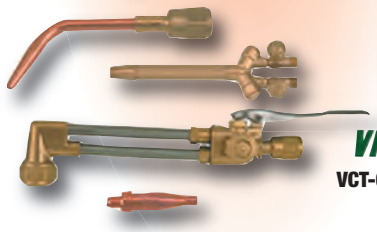
VICTOR VCT-0384-0656

### *VCT-0384-0656 Welding Outfit*
**(Utensilios para Soldar)**
User-friendly outfit offers a complete system for smaller welding and cutting jobs using solid brass and stainless steel construction to provide extended trouble-free service. Includes a #0 welding nozzle and #0 cutting tip that welds up to 5/64" and cuts to 1/2". Optional tips allow welds to 1" and cuts to 4". Also includes built-in Flashback Arrestors and built-in reverse flow check valves on torch handle for added safety and protection. 2 year warranty. U.L. Listed.

### *VCT-0384-0990 Oxy Acetylene Tote Kit*
Cuts up to 3/8'' thick metals and welds 1/16'' - 1/8'' thick metals. Portable gas cutting and welding kit includes cutting attachment, cutting tip (#0), torch handle, universal gas mixer, built-in reverse flow check valves and flashback arrestors, welding nozzle (#2), oxygen and acetylene regulators, 12.5' x 3/16'' R Grade hose, cylinder wrench and chain, rugged, ergonomic carrying case, spark lighter and goggles, MC acetylene cylinder: 10 cu. ft., R oxygen cylinder: 20 cu. ft., tip flow chart, and instruction manual. Comes with 2-year warranty.

VICTOR
VCT-0384-0990

### *VCT-0384-0904 General Duty Welding and Cutting Replacement Torch Kit*
**(Kit Utensilios para Soldar y Sustituto de la Antorcha)**
Replacement for medium duty cutting and torch kits. For farm and home use.



VICTOR
VCT-0384-0904

## *REPLACEMENT TORCH TIPS*
*• SUSTITUTOS DE PUNTAS DE LA ANTORCHA •*

| | |
|---|---|
| *VCT-0331-0180* | *#0 Cutting Tip 1/2" Cap* |
| *VCT-0331-0181* | *#1 Cutting Tip 1" Cap* |
| *VCT-0331-0182* | *#2 Cutting Tip 1-1/2" Cap* |
| *VCT-0331-0183* | *#3 Cutting Tip 2-1/2" Cap* |

# WELDING ACCESSORIES

AST-9408

CLP-580500

TITAN TTN-41223

TITAN TTN-41225

### *AST-9408 MIG Welder Pliers*
**(Alicates para Soldadura de MIG)**
Special design to pull nozzles and tips. Features rubber grips, spring rebound, and cutting edges.

### *CLP-580500 Spark-Key Lighter*
**(Encendedor de Spark-Key)**
The safest, easiest, most reliable way to ignite a torch with over 100,000 strikes. Flame is always directed away from the user. Features rugged handle with a one piece design-lightweight, durable and solid. Water resistant. Batteries not required.

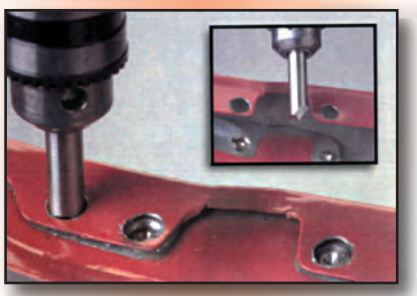
### *TTN-41223 Tip Cleaner*
**(Limpiador de la Punta)**
Cleans spatter and debris from oxy-fuel welding tips. Includes 13 tip cleaners and one file.

### *TTN-41225 Chipping Hammer*
**(Martillo a la Viruta)**
Used to chip and remove slag from welds. Designed with coiled spring handle to help absorb shock while chipping.

ATD ATD-3755

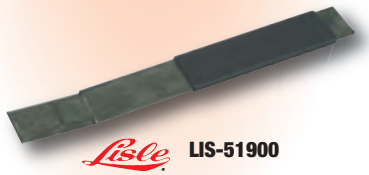
## *SPOT WELD CUTTERS*
*• CORTADORES PARA SOLDADURA DE PUNTOS ELÉCTRICOS •*

### *ATD-3755 Spot Weld Cutter Kit*
**(Kit de Cortador para Soldadura de Puntos Eléctricos)**
Quickly drills out spot welds on fenders, doors, etc. Features retractable pilot for accurate cuts and double-edged, extra long life cutting blade. Kit includes 2-3/8" cuttuers, 2-5/16" cutters, 4 pilots, 2 shafts, and 1 hex key.



KEY-77776

### *KEY-77776 3/8" Spot Weld Cutter*
**(Cortador para Soldadura de Puntos Eléctricos)**
Can be used in either an electric or pneumatic drill. Operates at speeds up to 2000 rpm. Leaves a clean hole that requires very little grinding. Self centering point minimizes walking, will not require a punch. Solid one piece construction will not break or snap.
(0.3 lbs)



Lisle LIS-51900

### *LIS-51900 Spot Weld Chisel*
**(Cinselar para Soldadura de Puntos Eléctricos)**
Use to separate panels after the spot weld has been drilled out. Drive the blade with a hammer from the end or the side through the panel seam. Panels are separated without damage. The blade is sharpened on three sides, and offset for clearance.

## MIG CONTACT TIPS

A

• PUNTAS CONTACTOS DE MIG •

Designed for welding guns on all popular Migs and are compatible for use on other guns sold by Tweco®. Contains three replacement tips.

| | |
|---|---|
| ***AST-4023*** | ***.024 inches*** |
| ***AST-4024*** | ***.030 inches*** |

## MIG WIRE

B

• CABLES DE MIG •

Ideal for welding in all positions

- Manufactured to American Welding Society Specifications
- Has Canadian Welding Bureau approvals
- Double deoxidized mild steel copper coated wire
- Produces quality welds with excellent Radiographic and Mechanical properties: Tensile strength over 540 N/mmg, Yield strength over 450 N/mmg, Impact strength over 120J

| | WIRE DIAMETER | SPOOL SIZE |
|---|---|---|
| ***VCT-1440-0210*** | ***.023"*** | ***2-lbs.*** |
| ***VCT-1440-0211*** | ***.023"*** | ***10-lbs.*** |
| ***VCT-1440-0212*** | ***.023"*** | ***30-lbs.*** |
| ***VCT-1440-0215*** | ***.030"*** | ***2-lbs.*** |
| ***VCT-1440-0216*** | ***.030"*** | ***10-lbs.*** |
| ***VCT-1440-0217*** | ***.030"*** | ***30-lbs.*** |
| ***VCT-1440-0220*** | ***.035"*** | ***2-lbs.*** |
| ***VCT-1440-0221*** | ***.035"*** | ***10-lbs.*** |
| ***VCT-1440-0222*** | ***.035"*** | ***30-lbs.*** |
| ***VCT-1440-0240*** | ***.030" Aluminum*** | ***1 lb.*** |

## WELDING NOZZLES

C

• DIFUSORES PARA SOLDADURA •

For general purpose welding and brazing. Used with WH260C welding torch handles. 100% flame tested with one-piece copper elbow construction, and double o-ring seal. Comes complete with brass universal gas mixer and elbow tip. (2 lbs.)

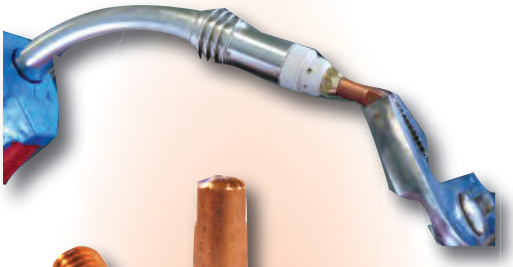
| | SIZE (150/250 Series) | RANGE |
|---|---|---|
| ***VCT-0324-0150*** | ***0*** | ***Up to 20 gauge*** |
| ***VCT-0324-0151*** | ***1*** | ***Up to 16 gauge*** |
| ***VCT-0324-0152*** | ***2*** | ***1/16" to 1/8"*** |

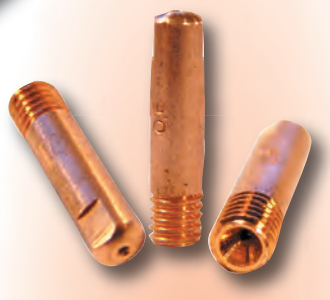
## PROPANE & MAPP® TORCHES

• ANTORCHAS DE PROPANO Y MAPP® •

The industry's leading torch manufacturer offers a variety of propane or MAPP® torch heads. Each comes with brass base, packed in attractive clamshell and backed by a two year replacement warranty against defects.

| | |
|---|---|
| ***VCT-0387-0470*** | ***Pencil flame torch. All brass, needle valve controlled. For propane.*** |
| ***VCT-0387-0463*** | ***Trigger start adjustable head. Burns propane or hotter MAPP® gas. Pull the trigger– it's on, release – it's off. Features locking button adjustable flame knob, cast aluminum body, brass burntip and stainless steel burntube.*** |





A

VICTOR

B

VICTOR C

VICTOR

VCT-0387-0470

VICTOR

VCT-0387-0463

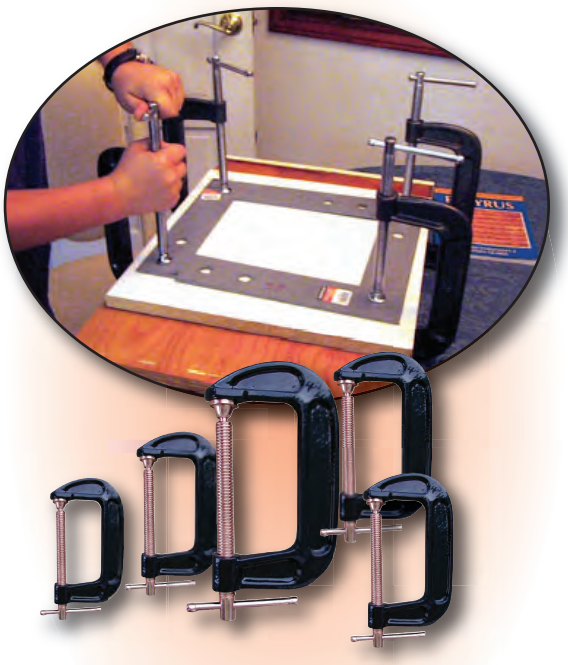
# WELDING ACCESSORIES

Lisle LIS-55000

### LIS-55000 Magnetic Soldering Clamp
**(Grampa Magnético para Soldadura)**
Alligator clamps with flexible design firmly hold wire and small parts when soldering. Clips and base are magnetic and can be attached to any ferrous surface. (3 oz.)

VIM TOOLS VIM-MPWT

### VIM-MPWT Magnetic Plug Weld Tool
**(Herramienta Magnetico para Soldadura Hecha en un Orificio Circular)**
Hole welding backup tool for MIG and TIG welders. Features copper alloy pad prevents weld from sticking to copper. Comes with lifetime warranty.



ATD A

## C-CLAMPS
A
**• GRAMPAS DE TIPO C •**

Iron frames, steel screws, swivels and sliding cross-pin handles.

| | OPENING | DEPTH | SCREW DIAMETER |
|---|---|---|---|
| ATD-5312 | 2” | 1-1/8” | 5/16” |
| ATD-5313 | 3” | 2” | 7/16” |
| ATD-5314 | 4” | 2-3/4” | 9/16” |
| ATD-5315 | 6” | 3-1/4” | 5/8” |
| ATD-5316 | 8” | 4” | 3/4” |

Goodall GDL-32020

### GDL-32020 12-Volt AntiZap Service Minder
Clip booster clamps across battery and when green LED illuminates, system is protected from spikes and welding surges. Protects onboard electronics and eliminates the need to disconnect battery which can result in lost electronic memories. Units feature heavy-duty 6 gauge cables, fully insulated MA18 booster clamps and three function AntiZap protection.

ATD-3720

### *ATD-3720 Heavy-Duty Torch Tank Cart*

**(Carrito de Tanque de Antorcha para uso Pesado)**

This American made Cart has a solid mount axle design which holds 20" pneumatic, Olite wheels for easy maneuvering. The self leveling tool tray keeps tips and accessories handy. Maximum combination tank diameter is 18-1/2". Made from 14 gauge tubular steel. Base plate is 14 gauge, 10" x 19". 46" high x 28" wide.

ATD-31170

HOS-9052

HOSETRACT HOSE REELS UTL-250-0A

### *ATD-31170 1/4" x 50' Retractable Twin Hose Welding Reel*

Twin 1/4" x 50' color coded oxygen/acetylene hoses. Solid brass fittings & connections with double O-ring seals for leak-free operation. 8-position ratchet mechanism locks reel at desired hose length. 5-position adjustable roller outlet arm and slotted mounting bolt holes allow easy reel mounting to ceilings, wall, floors, workbenches, vehicles, etc. Includes heavy-duty hose reel, twin color-coded welding hose and adjustable ball stop Hose: Twin 1/4" x 50' color coded welding hose Maximum Pressure: 200 psi.

### *HOS-9052 20 ft. 1/4" Double Line Hose*

Tightly braided rayon lines for strength, neoprene base cover for oil and flame resistance. Eliminates kinking and tangling. Hose with connections fits all makes of torches and regulators.

### *UTL-250-0A 1/4" Oxy-Acetylene Hose Reel*

This reel is ideally applied when space and safety is required in the welding & cutting area. This reel is capable of storing and dispensing 50' length of twin siamese welding hose. Features the exclusive dual hex design by the original designer of this dual body concept. The major advantage of the swivel design is that in the event of an O-ring failure, the gases will go to atmosphere instead of mixing. Safety banded drive spring. The swivel is marked for the acetylene side with notches on the hex nuts for easy identification. Beaded edges on spool prevents hose damage or injury to operator. 8-position guide arm. (42.3 lbs.)

# WELDING GOGGLES & HELMETS

ATD-37493

ATD-3733

ATD-3728

ATD-3729

ATD-3717

ATD-3718

ATD-3721

ATD-3727

## AUTO DARKENING WELDING HELMETS

**• CASCOS DE OSCURECIMIENTO AUTOS DE LA SOLDADURA •**

All models boast the fastest switching speed in the world and the industry's best non-distorted optics. All filters protect your eyes from infrared light—even in the clear vue shade (#3). Each helmet has an auto-off feature and comes with a two year warranty and replaceable batteries.

| | GOOD<br>ATD-3733 | BETTER<br>ATD-3728 | BEST<br>ATD-3729 |
|---|---|---|---|
| *Viewing Area* | *4-sq/in* | *6-sq/in* | *9-sq/in* |
| *Filter Shade* | *10* | *variable 9–12* | *variable 9–12* |
| *Low Battery Indicator* | *No* | *Yes* | *Yes* |
| *Light Sensitivity Adj.* | *No* | *Yes* | *Yes* |
| *Shipping Weight* | *2.5 lbs.* | *2.5 lbs.* | *2.5 lbs.* |

### *ATD-37493 Lift Front Welding Helmet*

**(Levante El Casco Delantero De La Soldadura)**

4-1/2" x 5-1/4" #10 lens. Tougher, thinner, and lighter for welder's comfort. Soft nylon ratcheting head gear. Meets OSHA standards.

### *ATD-3717 Hellraiser with NexGen EQC*

**(Hellraiser con NexGen EQC)**

Features Amber view lens to give greater visibility of the weld with less strain on the eye, four redundant sensors, Smart View LCD for fingertip control information, soft touch control panel which eliminates contaminants and protects from the outside environment, and auto shut-off function. Designed with Intellisense technology, which allows unit to detect weld less than 5 amps. Integrated ClimaSensors registers ambient temperature three times per minute and adjusts EQC shade accordingly to ensure a true welding shade. Includes replaceable lithium batteries.

### *ATD-3719 BOSS™ Big Window Welding Helmet*

**(Casco de la Soldadura con Ventana Grande de BOSS™)**

Features large 13 square inches for optimal viewing area with amber view lens to give user greater visibility of weld with less strain on the eye. Intellisense technology allows unit to detect welds less than 5 amps – ideal for low amp TIG. Versatile: 3N1 Weld (9-12), Grind (3), Cut mode (5). Designed with sensitivity and delay adjustments, two independent sensors, and is also mag lens adaptable. TWO-YEAR PERFORMANCE GUARANTEE!

### *ATD-3721 Welding Helmet*

**(Casco de Soldar)**

Features super-sized 3.94" X 2.36" viewing area, removable canvas neck protection, lens with variable filter shade adjustment, adjustable headband designed for comfort and ease of use, and operating temperature of 24˚F to 130˚F. Perfect for MIG, MAG/CO2, TIG welding and plasma cutting; and designed to protect the eyes, face, & neck from sparks spatter and harmful radiation under normal welding conditions.

### *ATD-3727 Auto Darkening Eagle Helmet with Variable Filter Shade*

**(Casco De Oscurecimiento Auto Del Águila Con La Cortina Variable Del Filtro)**

Viewing area: 9" sq., fixed filter shade: Shade #9-12, Clear Vue™ blue lens, arc sensor adjustment and independent arc sensors, low battery alert. Made in USA.

# WELDING GOGGLES & HELMETS

AST-8075

ATD-3723

ATD-3725

TTN-41260

## SOLAR-POWERED WELDING HELMETS

• CASCOS DE SOLDAR IMPULSADO CON ENERGÍA SOLAR AUTO-OSCURECIMIENTO •

### AST-8075 Deluxe Solar Automatic Darkening Welding Helmet

Features auto filter screen changes from clear to dark in 1/25,000 seconds, full face and front of neck protection, 98mm x 44mm observation window, 110mm x 90mm goggle assembly, and UV/IR protection. Great for use with MIG/MAG, TIG and ARC welding. No change of battery needed. (3 lbs.)

### ATD-3723 Solar-Powered Auto-Darkening Welding Helmet

**(Casco de Soldar Impulsado con Energía Solar Auto-Oscurecimiento)**

Designed to protect the eyes, face and neck with removable canvas neck protection. Auto-darkening filter changes from clear to dark in 1/25,000 of a second when arc is struck. Lens has variable filter shade adjustment from 9-13 and a viewing area of 98mm x 46mm. Also features adjustable headband, 23°F – 131°F operating temperature, storage bag, and meets EN, DIN, ISO and ANSI standards Z87.1. (2 lbs.)

### ATD-3725 Solar-Powered Auto Darkening Helmet

**(Casco de Soldar Impulsado con Energía Solar Auto-Oscurecimiento)**

Shade 10/11, with clear state of shade 4, no batteries to change, 2"x4-1/4" lens holder, 4" square viewing area. Made in USA.

### TTN-41260 Solar Powered Auto Darkening Welding Helmet

**(Casco De Oscurecimiento Auto Accionado Solar De La Soldadura)**

Protects against UV and infrared radiation in variable shades from DIN 9 to DIN 13. Lens automatically darkens when an arc is struck and returns to normal when welding stops. Powered by solar cells with battery back-up.

## ADJUSTABLE AUTO DARKENING HELMETS

• CASCOS DE SOLDAR AUTO-OSCURECIMIENTO •

Meets federal Z87.1 specifications. Common features include shade adjustments DIN 9-13, UV & IR protection up to DIN 15, full face and front-of-neck protection. One year Warranty.

### AST-8050 Journeyman Model

Powered by two 1.5v alkaline batteries. Window size 90-mmx40-mm. Goes light to dark in 1/10,000 second.

AST-8050

ATD-3749

### ATD-3749 Flip Front Welding Helmet

**(Casco Delantero De La Soldadura Del Tirón)**

Impact-resistant polypropylene shell features a 2"x4-1/4" Shade 11 flip front lens, and a clear polycarbonate inner safety lens. Easy, reliable adjustments are made with ratcheting headgear. Meets ANSI Z87.1 specifications.

### ATD-3745 Flip Front Cutting Goggles

**(Frente Del Tirón Anteojos Del Corte)**

Perfect for gas cutting, brazing, and soldering, these goggles use a Shade 5 front lens to protect against UV and IR radiation, and a clear inner lens. The flexible soft vinyl frame features hooded vents. Meets ANSI Z87.1 specifications

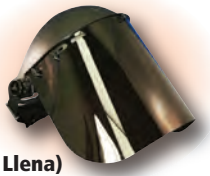
## POLYCARBONATE COVER AND SAFETY PLATES

• CUBIERTAS Y PLACAS DE SEGURIDAD POLICARBONATO •

Use with welding goggles or helmets. Exceeds the high velocity and high impact requirements of the ANSI Z87.1-1989 and Canadian CSA Z94.3 Standards.

***VCT-1441-0048 2" x 4 1/4"***
***VCT-1441-0050 4 1/2" x 5 1/4"***

VICTOR®



### ATD-3746 Full Face Grinding Shield

**(Protector De Pulido De La Cara Llena)**

Protect eyes and face while grinding and cutting. Includes both clear and tinted 8"x15.5" high-impact polycarbonate lenses. Ratcheting headgear makes size adjustment easy. Meets ANSI Z87.1 specifications.

# WELDING & SOLDERING KITS

## WELDERS–UNI-SPOTTERS

### *HSM-4550 Stud Welder & Dent Puller Kit*

**(Kit del tirador del soldador**
**Y de la abolladura del perno prisionero)**

Upgraded starter stud welder features Stud Ease Technology to hold stud in welder for easy out-of-position welding, sensitive trigger in handle, and built-in overload protection. Also includes upgraded T handle slide hammer and 500 2.2mm Flexpert welding studs. 2 year limited warranty, lifetime transformer warranty.

### *HSM-5500 Stud Welding Gun Kit*

**(Kit de Pistola de Clavo soldado para Sacar Golpe)**

A great mid-range kit with the most powerful lightweight gun available. Includes stud gun, deluxe "T" handle slide hammer, 2.2mm black head studs, 2.2mm Flexpert studs, mold rivets, stud tip, mold rivet tip, shrink tip, Eliminator side-by-side adapter with Extend-a-Tip, and Mini-Pull'r in a molded case.

### *HSM-9000 Uni-Spotter Deluxe Kit*

**(Kit de Lujo de Uni-Spotter)**

This is the kit for the elite bodyman. Built with the highest quality components to H & S's strict quality standards. Unit will stud weld on high strength and galvanized steel easily. Comes with a stud welding tip, mold rivet tip, and a shrink tip for a variety of applications. Kit also includes a storage case. slide hammer, mini-puller, Eliminata Side-by-Side adapter, 2.2mm welding studs, 2.5mm pull studs, mold rivets, and the Uni-Spotter deluxe gun. 5-year limited warranty

### STUDS
**A** • ESPÁRRAGOS •

| | |
|---|---|
| *HSM-1000* | *2.0 mm Weld Studs for regular sheet metal — 500 pk.* |
| *HSM-1001* | *Autoshot Welding Studs — (2.2mm), 500 pk.* |
| *HSM-1002* | *Autoshot Welding Studs — (2.6mm), 500 pk.* |

### PULLERS
• EXTRACTORES •

| | |
|---|---|
| *HSM-1095* | *Autoshot Mini-Pull'r Welding Stud Puller* |
| *HSM-1016* | *Unipuller Slidehammer* |

### TIPS
**B** • PUNTAS •

| | |
|---|---|
| *HSM-1004* | *Autoshot Uni-Spotter Stud Welder Gun Tip* |
| *HSM-1007* | *Autoshot Uni-Spotter Stud Welder Shrink Tip* |

ATD-383

ATD-393

3M MMM-37677

## HEAT SHRINK ASSORTMENTS

• SURTIDOS DE AISLADORES TÉRMICOS

### ATD-383 75-Piece Heat Shrinkable Terminal Assortment

**(75-Pedazo Calor - Surtido Terminal Encogible)**

Includes 12 different types of common ring, male, female, spade, and butt connectors from 10-22 gauge.

### ATD-393 235-Piece Heat Shrink Tube Assortment

**(235 pzs. Surtido de Tubos de Aislador Térmico)**

Includes 8 different size tubes ranging from 3/32" to 3/4" to ensure you have the right size tube for the job. with 2:1 shrink ratio. Tubes shrink to fit over cable splices & can be used for wire harnessing, covering, marking & bundling of wires. Use for auto, marine, plane, home, industrial, computer, etc.

### MMM-37677 133-Piece Heat Shrink Tubing Assortment Kit

**(133 pzs. Surtido de Tubos de Aislador Térmico)**

Offers an outstanding balance of electrical, physical and chemical properties for a wide variety of applications. Kit contains tubing in sizes 3/32", 1/8", 3/16", 1/4", 3/8", and 1/2".

SDR-CF-30C

SDR-ES610K

SDR-ES640CK

### SDR-CF-30C Refillable Fuel Cells

**(Celda de Combustible Rellenable)**

Use with MicorJet™ Micro Torch and MicroTherm™ Heat Gun. Refillable with standard butane.

### SDR-ES610K Soldering Iron and Hot Knife

Includes E-016 1.6mm conical, E-310 hot knife, E-124 2.4mm chisel, soldering iron with cap, 60/40 rosin core solder (dia. 1.0mm), and wrench. Available in black or yellow. Soldering tip: 400-500°F, blow torch function: 2400°F, and operating time (one fill): 20 min.

### SDR-ES640CK Multi-Function 4-in-1 Heat Tool Kit

Includes B-010 1.0mm conical, B-024 2.4mm conical, B-124 2.4mm chisel, B-311 hot knife, B-610 deflector tip, 60/40 rosin core solder (dia. 1.0mm), cap, sponge, wrench, and instructions. Soldering tip: 400-850°F, blow torch function: 2400°F, and operating time (one fill): 30 min. Handy hang loop is attached to the kit box.

### SDR-MJ280CD Turbo-Lite

Features Piezo electronic ignition system with flip-top cap, powered by standard cigarette lighter butane fuel, and flame temperature up to 2500˚F. Available in green, red, blue, or yellow.

### SDR-MJ300 Solder-It Micro-Jet™

This palm-sized automatic Piezo ignition torch is fueled by a disposable butane lighter or use the included refillable fuel cell. 20-minute burn time per fill.

### SDR-MJ310 Micro-Jet with Extended Reach

The Micro-Jet 310 is a pocket sized auto-igntion torch with an extended nozzle to access hard-to-reach areas.

SDR-MJ280CD

SDR-MJ300

SDR-MJ310

# SOLDERING TOOLS

SOLDER•IT SDR-MJ600

SOLDER•IT SDR-PRO100

SOLDER•IT SDR-PRO120K

SOLDER•IT SDR-PRO150K

WEL-SP120

SOLDER•IT

B

### *SDR-MJ600 MicroTherm™ Butane Flameless Heat Gun*

Hand held flameless heat gun, which produces superheated hot air up to 650˚C (1300˚F) using a multi-stage catalyst. Also self igniting and is powered by a refillable fuel cell, which is included with the tool, or by readily available disposable butane lighters. Features Piezo ignition system with patented safety lock, and compact ergonomic design.

### *SDR-PRO100 2-in-1 SolderPro™ Butane Soldering Tool*

**(2-en-1 Herramienta para Soldadura de Butano de SolderPro™)**

Features Auto Piezo ignition 100w power range for up to three hours per fill. Comes with comfort grip and two popular tips.

***SDR-PS1 Basic Replacement Tip***

### *SDR-PRO120K SolderPro™ Cordless Butane Heat Tool*

**(Herramienta del Calor Butano Sin Cuerda SolderPro™)**

Auto Piezo ignition, portable, visible fuel tank, rapid tip heat-up and up to 4 hours of burn time per fill. Comes with comfort grip and two popular tips and a carry case. (2.0 lbs.)

### *SDR-PRO150K Multi-Purpose Cordless Soldering Iron Kit*

**(Kit de Soldadura sin Cuerda)**

Butane powered with power equivalent to 30W-150W. Adjustable tip temperature range of 480˚F to 1000˚F. One single refill can allow up to 30 minutes of continuous use. Comes with soldering tip and protective cap.

### *WEL-SP120 120W Soldering Iron*

**(120W Hierro para Soldadura)**

For home workshop, repairs, hobbies, and stained glass applications such as attaching brace bars or using without temperature control for fast lead and foil work. Features stainless steel barrel with heat and impact resistant handle. Includes soldering iron rest and 1/2` diameter, replaceable iron-plated copper tip that develops 900˚F. 50/60 Hz. U.L. Listed.

## A SOLDERING GUN KITS

***• KITS DE PISTOLA DE SOLDADURA •***

Each gun is designed for continuous use and equipped with built-in spotlight, various accessories and storage case, UL listed.

| | DESCRIPTION | POWER | SHIP/WT. (LBS.) |
|---|---|---|---|
| WEL-D550PK | Professional | 260/200 Watts | 13.0 |
| WEL-D650PK | Industrial | 300/200 Watts | 3.9 |
| ATD-3740 | General | 230/150 Watts | 3.9 |

## B AUTOMOTIVE PIEZO IGNITION TORCHES

***• ANTORCHAS DE ENCENDIDO •***

Hand-held workbench butane torches that are lightweight and feature 2400° flames, trigger locks and professional construction throughout. Torches do not come filled.

| | BURN TIME | CASING | FLAME | STAND | WT. (LBS.) |
|---|---|---|---|---|---|
| SDR-PT200 | 1-1/4 Hrs. | Polycarbonate | 2" | Built-In | 1 |
| SDR-PT220 | 2 Hrs. | Steel, rubber grip | 2" | Removable | 1 |
| SDR-PT500 | 2 Hrs. | Steel | 6–8" | Built-in | 1 |